

West Jefferson County Department of Health and Environment (JCDHE)

West Nile Virus/ZOONOSES Update #10-2006

Date July 20, 2006

WNV GENERAL:

With the hot weather and recent rains, populations of Culex species mosquitoes (the key vectors of WNV and WEE) continue to increase around the state and nation.

NATIONAL

As of July 18, 2006, avian, animal or mosquito WNV infections have been reported to CDC ArboNET from the following states: Arizona, Arkansas, California, Connecticut, Florida, Idaho, Illinois, Indiana, Iowa, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming.

Human cases have been reported from California, Idaho Iowa, Kansas, Mississippi, Missouri, Nebraska, South Dakota, and Texas. Additional information about national WNV activity is available from CDC at:

<http://www.cdc.gov/ncidod/dvbid/westnile>

COLORADO

A positive bird (magpie) from Mesa County on June 9th is still the only positive bird of 90 dead birds tested thus far around the state. As of July 14, 2006 there has been one positive mosquito pool out of 1101 pools tested.

As of July 14, 2006, there has been one human case of WNV encephalitis in Weld County and one human case of WNV fever in Logan County. For daily updates on WNV in Colorado, please visit CDPHE's Zoonosis website at:

<http://www.cdphe.state.co.us/dc/Zoonosis/Zoonosis.asp>

JEFFERSON COUNTY

Mosquito Surveillance: During the past week, our contractor conducted mosquito trapping at 17 locations in the county which yielded a total of 687 mosquitoes with 150 being Culex mosquitoes. The highest numbers of Culex were caught at Fossil Trace in Golden (53),

Dead Bird Surveillance: JCDHE will track reports of dead birds east of the foothills and will test any corvids (Jays, Magpies, and Crows) or raptors that die in the foothills that are picked up and submitted by Jefferson County Animal Control. We will closely monitor dead bird reports in conjunction with our sentinel mosquito program.

Mosquito Control: Our integrated mosquito control contractor, Ottertail Environmental, continues to identify, monitor, and inspect "mosquito breeding sites" throughout the county. From July 7 to July 13, 2006, 552 larval habitat site inspections were conducted. Out of these inspections, 94 sites were treated for Culex larvae and 25 sites were found breeding non-vector mosquitoes.

Remember: Always make the use of repellent part of all outdoor activities. Common sense should apply at all times. Use DEET or one of the two new EPA approved repellents, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions). Wear long sleeves and pants when outdoors at dawn and dusk. Citizens can be bitten by WNV carrying mosquitoes in their own yards so remind everyone to drain and empty all containers in their yard.

Mosquito Complaint Hotline: Ottertail Environmental operates a toll free telephone line for citizen reports and concerns, that number is 1-888-774-2161 and locally the number is 303 858 8350.

PLAGUE

Jefferson County has had a prairie dog die off along the C470 corridor between Bowles and Belleview Avenue which is on the south end of the county. Because of the possibility of plague causing the die off the area has been posted and JCDHE strongly urges citizens to refrain from letting their animals run free through prairie dog colonies. All pet owners should consult with their veterinarian about proper flea treatment.

If citizens or their pets have any interactions with sick or injured wild animals they need to contact their local animal control agency: Arvada Animal Management: 720-898-6850, Edgewater Animal Control 303-235-0500, Golden Animal Control at 303-384-8045, Jefferson County Animal Control at 303-271-5070, Lakewood Animal Control 303-987-7173, Westminster Animal Management 303-430-2400 X4326 or Wheat Ridge Animal Control at 303-237-2220.

For More Information on WNV and other Zoonoses:

Visit our web site for information and other resources on WNV at http://jeffco.us/health/health_T111_R61.htm or call 303 239 7075.

Or contact dvolkel@jeffco.us or jdale@jeffco.us